DRE, BHChstein, fluoterro e cuorimina 130 Weler Breet Boston, Messachusetts 02109

DECLARATION AND POWER OF ATTORNEY Original Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR TACTILELY RESPONSIVE USER INTERFACE

which is described and claimed in:

X the attached specification

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1,66(a).

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

FOREIGN APPLICATI	ON(8), IF ANY, FILED WITHIN 12 MO	NTHS PRIOR TO THE FILING DATE	OF THIS APPLICATION
COUNTRY	APPLICATION	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
ALL FOREIGN APPLICATE	ONS, IF ANY, FILED MORE THAN 12	MONTHS PRIOR TO THE EN ING DA	TE OF THIS ARRIVATION

I hereby claim the benefit under Title 35, United States code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, 1.56(a) which occurred between the filling date of the prior application and the national or PCT international filling date of this application:

(Application Serial No.)	(Filing Date)	(Status) (Patented, pending, abandoned)
None	•	
140114		1

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (that name and registration number)

Robert L. Goldberg David G. Conlin Brian L. Michaells	(Reg. No. 16,919) (Reg. No. 22,456) (Reg. No. 27,026) (Reg. No. 34,221)	George W. Neuner Erneat V. Linek Linda M. Buckley Ronald I. Elsenatein Henry D. Pahl, Jr.	(Reg. No. 26,964) (Reg. No. 29,822) (Reg. No. 31,003) (Reg. No. 30,628) (Reg. No. 20,438)	David S, Resnick Peter F. Corless Peter J. Manus John L. Wetch Kevin J. Fournier	(Fleg. No. (Fleg. No. (Fleg. No. (Fleg. No. (Fleg. No.	33,860) 26,766) 28,129)
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SEND CORRESPONDENCE TO:
Brian Michaells
Dike, Bronstein, Roberts & Cushman
130 Water Street
Boston, Massachusetts 02109

DIRECT TELEPHONE CALLS TO:
(name and telephone number)
(617) 523-3400

1	FULL NAME	LAST NAME		
2	OF INVENTOR	SCHULER	FIRST NAME Chester	MIDDLE NAME L
1	RESIDENCE & CITIZENSHIP	CITY Sudbury	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 57 Atkinson Lane	CITY Sudbury	STATE OR COUNTRY AND ZIP GODE MA 01776
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
2	INVENTOR	- HABERMAN	Seth	M.
2 0 2	1	- HABERMAN CITY New York	Seth STATE OR FOREIGN COUNTRY New York	M. COUNTRY OF CITIZENSHIP USA

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 Chule J. Schuler	Signature of Inventor 202
Date April 10, 1996	Date April 13, 1996

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

Attorney's Docket No. 45.374

				Attended a proceed No. 32.31
As a below-named	inventors, I hereby	declare that:		
My residence, post	t office address and	citizenship are as state	d below next to my name.	
We believe that I a on the invention a specification of wi	entitled, METHOL	and joint inventor of AND APPARATU	the subject matter which is claim S FOR TACTILELY RESPO	ed and for which a patent is sough NSIVE USER INTERFACE, du
(check one)	1.	is attached here	to.	
	2. 🖾	U.S. Applicatio	January 11, 1996 n Serial No. 08/585,198 ed May 30, 1997 and January	5, 1998
	3. 🗌		T Application Serial Noed on	
I hereby state that amended by any a	t I have reviewed a mendment referred	nd understand the com	ntests of the above-identified sp	ecification, including the claims, a
I acknowledge the 37, CFR §1.56.	duty to disclose in	formation which is m	aterial to the examination of this	application in accordance with Title
macmous, centrac	and limited below an	its under Title 35, U d have also identifie application on which p	d below any foreign application	foreign application(s) for patent of for patent or inventors' certificat
Prior Fersign Ap	plication(s)			Priority Benefits Claimed?
(Appl. No.)	(0	ountry)	(Date Filed- Day/Month/Year)	_Yes _No
(Appl. No.)	(0	oustry)	(Date Filed- Day/Month/Year)	_Yes _No
as the subject mat provided by the fi defined in Title 3	ter of each of the cli irst paragraph of Tit 7, Code of Federal ! memational filing di	tims of this application is 35, United States C	us is not disclosed in the prior Un ode, § 112, I seknowledge the du	plication(s) listed below and, insofi- sited States application in the manu- ty to disclose material information a date of the prior application and the
07/783.635		_10/24/91	patented	
(Application Seri		(Filing Detc)	(Status - patented, pe	nding, abandoned)
08/076.344		6/11/93		
(Application Serie	al No.)	(Filing Date)	(Status - patented, pe	nding, abandoned)
08/434,176		5/3/95		
(Application Seri	al No.)	(Filing Date)	(Status - patented, pe	nding, abandoned)

And I hereby appoint James R. Riegel (Reg. No. 36,651) and the law firm of Hickman & Martine, including Paul L. Hickman (Reg. No. 28,516); Peter B. Martine (Reg. No. 32,843); Albert S. Paulia (Reg. No. 39,487); Brian R. Coleman (Reg. No. 39,145); Raymis H. Kim (Reg. No. 39,462); and Dawn L. Falmer (Reg. No. 41,238) as my principle attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

Paul L. Hickman

HICKMAN & MARTINE

P.O. BOX 61059

Palo Alto, California 94306

Direct Telephone Calls To:

James R. Riegal at telephone number (408) 467-1900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may joopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of			
Sole or First Inventor:	Chester L. Schuler	Citizenship:	USA
inventer's signature:	Chet J. Schole	Date of Signatur	e: 4/29/98
Residence:(City)	Sodbury	(State/Country)	MA. USA
Post Office Address:	57 Atkinson Lane, Sudhury, MA 01776		
Typewritten Full Name of			www.l
Second Inventor:	Sedi M. Haberman	_ Citizouship:	USA
Inventor's signature:		_ Date of Signatur	¥
Residence: (City)	New York	_ (State/Country)	MA.USA
Post Office Address:	One West 85th Street, Apartment 6A, New)	(ork. NY 10024	

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

7.4

		•		• • • • • • • • • • • • • • • • • • • •	Attorney's Docket No. 45.37
As a below-named	inventors, I hereby	declare that:	·	,	
My residence, post	office address and o	Hizonehip are as sta	ited below r	ext to my name.	
We believe that I a on the invention specification of wh	ontitled, METHOD	and joint inventor of AND APPARAT	of the subject US FOR	≠ manae which is chics TACTILICLY BESPOR	ed and for which a patent is sough
(check ane)	1. 🗆 🖫	is attached he	reta.	1 (12)	
	2. 🔀	was filed on	tion Serial N	11. 1995 lo	5. 1998
	3. 🗍	was filed on International	PCT Applic	ation Serial No.	as
I hereby state that amended by any a	mendment referred t	ad understand the coabove.	lo stansacos	the above-identified spe	ecification, including the claims,
I acknowledge the 37, CFR §1.56.	duty to disclose in	bemática Which is s	matérial to t	he examination of this	application in accordance with Tit
inventors' certific	reign priority benef- sate listed below and to before that of the s	t have also identifi	ied below :	my foreign application	foreign application(s) for patent of for patent or inventors' certification patent or inventors' certification of the patent of
Prior Foreign Ap	pHeation(s)				Priority Benefits Claimed?
(Appl. No.)	(0	eastry)	(Date F	iled-Day/Monda/Year)	_Yes _No
(Appl. No.)	(C	ountry)	(Date F	iled-Day/Month/Year)	YesNo
as the subject mat provided by the fi defined in Title 3 national or PCT n	iter of each of the cla irst paragreph of Titi 7, Code of Federal I international filing da	tims of this applicat e 35, United States Regulations, § 1.56	tions is not of Code, § 112 which occu	lisciosed in the price Un I, I acknowledge the dut	plication(s) listed below and, insolved States application in the mann y so disclose material information date of the prior application and t
Prior U.S. Appli					
07/783,635 (Application Seri		10/24/91 (Filing Date))	(Status - patential, per	oding, abandoned)
08/076,344 (Application Scri		6/11/93 (Filing Date))	(Stakes - patented, pe	nding, abandoned)
08/434 176 (Application Sen		5/3/95 (Filing Date)	······································	(Status - patentite), pr	oding, abandoned)

And I hereby appoint James R. Riegel (Reg. No. 35,651) and the law farm of Hickman & Mastine, including Paul L. Hickman (Reg. No. 28,516); Peter B. Martine (Reg. No. 32,043); Albert S. Penilla (Reg. No. 59,487); Brian R. Coleman (Reg. No. 39,145); Raymis H. Kim (Reg. No. 39,462); and Dawn L. Palmer (Reg. No. 41,238) at my principle attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To:

Paul L. Hickman

HICKMAN & MARTINE

P.O. BOX 61059

Palo Alte, California 94306

Direct Telephone Calls To:

James R. Riegel at telephone number (408) 467-1909

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	Chenter L. Schuler	Citizenialip:	USA
Inventor's signature:		Date of Signatu	W#:
Residence:(City)	Sudbury	(State/Country):	MA. USA
Post Office Address:	57 Atkinson Lans. Sudbury. MA 01776		
Typewritten Full Name of Second Inventor:	Seft M. Mabacham	, Citizanikiji;	
Inventor's signature:	Jeen	_ Date of Signatu	4/26/98
Residence: (City)	New York	(State/Country)	MA.USA
Post Office Address:	One West 55" Street, Aperiment 6A, New Y	ork NY 10024	